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Jeffrey Pearce 34825 Sultan-Startup Rd. Sultan, WA 98294			EXAMINER TRAN, QUOC A	
			ART UNIT 2176	PAPER NUMBER

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/11/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	Application No. 10/822,232	Applicant(s) TREIBACH-HECK ET AL.	
	Examiner Tran A. Quoc	Art Unit 2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 10-26-2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This action is a non-final rejection in response amendment filed on 10-26-2006
2. Claims 1-18 are pending.
3. Effective filing date 04-08-2004 benefits from CIP of 10/003,339 filed 10-03-2001.

### *Response to Argument*

4. Applicant's Remarks filed on 10-26-2006 with respect to claim 1-18 have been considered but are moot in view of the new ground(s) of rejection. This office action is a Non-Final Rejection in order to give the applicant sufficient opportunity to response to the new line of rejection.

### *Claim Rejections - 35 USC § 112*

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

*The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.*

Claims 1-11 is rejected under 35 U.S.C. 112 second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 1, the phrase "and/or " renders the claim(s) indefinite because the claim(s) include(s) elements not actually disclosed (those encompassed by "and/or"). For example claim 1 discloses "the originator and/or user", thereby rendering the scope of the claim(s) unascertainable. See MPEP § 2173.05(d).

Dependent claims 2-11 are rejected as being dependent upon a rejected base claims.

Clarification and/or correction are required.

***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

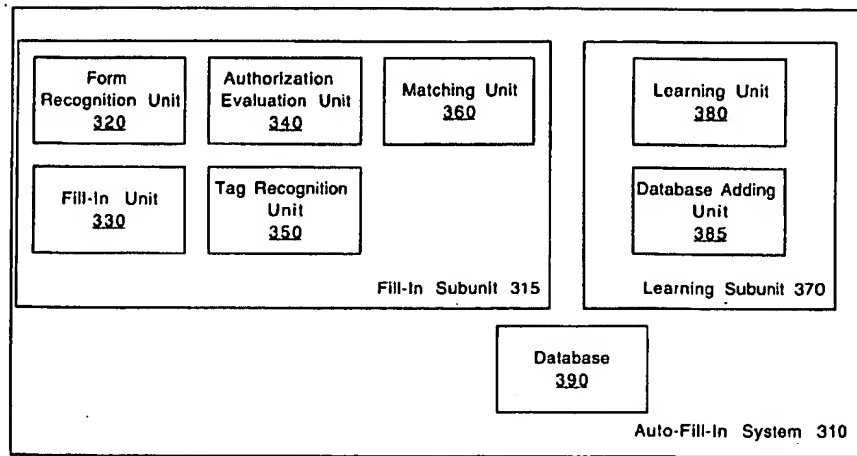
*(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.*

**Claims 1, 5-6 and 9-18** are rejected under 35 U.S.C. 103(a) as being unpatentable over Light et al. US 20030033167A1- filed 03-31-1998 (hereinafter Light), in view of Maxwell et al. US US006589290B1- filed 10-29-1999 (hereinafter Maxwell).

**Regarding independent claim 1**, Light teaches **an originating system associated with an originator, a user, a client system, a center system, and a user system associated with a user**. Specifically, Light discloses a user's system, a client, are coupled to a network. Servers are coupled to the network. Also the server item may be the same computer as the client; these servers provide Web pages to the user via the network. These Web pages may include forms (see Light at col. 2, lines 5-20).

In addition, Light teaches **an identifier-generating software module** provides plurality of unit item includes the auto-fill-in system 310, a fill-in subunit 315 and a learning subunit 370. The fill-in subunit 315 includes a form recognition unit 320. When a form is included in the web page the form recognition unit 320 notes that there is a form. Whereby the form includes a hypertext markup language (HTML) tag such as "form", or "input type," indicating that it is a form or that it requires user input. The auto-fill-in system 310 then inspects the source code for the page, and recognizes tags associated with blank spaces in the form, see example bellows,

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**Fig. 3**

We encourage you to enter your credit card number on-line, this is why it's secure. However, you also have the option of phoning us with the number.

Please enter your e-mail address:

My password is:

Have you forgotten your password?

My credit card type is: ☐ MC ☐ Visa ☐ AmEx

My credit card number is:

It is noted that Light's Fig. 3 shows auto-fill-in system with plurality of sub unit (items 320, 340, 360, etc.), which would be active upon user selection as illustrates above, can reasonably interprets as, "*an identifier-generating software module*".

In addition, Light teaches a **form-handling software module in the client system comprising computer executable code for sensing a request for the a requestor-specific form by the originator, for entering first automatically extractable data onto an instance of**

**the requestor-specific form, and for generating a command to produce the requestor specific form for the originator, and an intercepting software module comprising computer-executable code for sensing the command to produce the requestor-specific form.**

For example, Light discloses a user's system, a client item 110, is coupled to a network item 120.

Servers item 130 are coupled to the network 120. Also the server item 130 may be the same computer as the client 110; these servers provide Web pages to the user via the network 120.

These Web pages may include forms (see Light at col. 2, lines 5-20). Also Light discloses plurality of unit item includes the auto-fill-in system 310, a fill-in subunit 315 and a learning subunit 370. The fill-in subunit 315 includes a form recognition unit 320. When a form is included in the web page the form recognition unit 320 notes that there is a form. Whereby the form includes a hypertext markup language (HTML) tag such as "form", or "input type," indicating that it is a form or that it requires user input. The auto-fill-in system 310 then inspects the source code for the page, and recognizes tags associated with blank spaces in the form (see Light at col. 2, line 50 through col. 3, line 20- also see Fig. 3).

Furthermore, Light teaches **the identifier-generating software module thereupon generating a requestor-specific identifier uniquely identifying the instance of the requester-specific form.** Specifically, Light discloses a user's system, a client item 110, are coupled to a network item 120. Servers item 130 are coupled to the network 120. Also the server item 130 may be the same computer as the client 110; these servers provide Web pages to the user via the network 120. These Web pages may include forms (see Light at col. 2, lines 5-20). Also Light provides plurality of unit item includes the auto-fill-in system 310, a fill-in subunit 315 and a learning subunit 370. The fill-in subunit 315 includes a form recognition unit 320.

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When a form is included in the web page the form recognition unit 320 notes that there is a form. Whereby the form includes a hypertext markup language (HTML) tag such as "form", or "input type," indicating that it is a form or that it requires user input. The auto-fill-in system 310 then inspects the source code for the page, and recognizes tags associated with blank spaces in the form (see Light at col. 2, line 50 through col. 3, line 20- also see Fig. 3).

Also, Light teaches **augmenting the instance of the requestor-specific form with a requestor-specific identifier**. For example, Light discloses

We encourage you to enter your credit card number on-line, this is why it's secure. However, you also have the option of phoning us with the number.

Please enter your e-mail address:

My password is:

Have you forgotten your password?

My credit card type is: ☐ MC ☐ Visa ☐ AmEx

My credit card number is:

Wherein, the tag recognition unit 350 then scans the form, and determines what the form is asking for (i.e. "email"). Alternately, the tag recognition unit 350 may recognize the label displayed to the user for the specified entry (i.e. "please enter your e-mail address" may be recognized by the tag recognition unit 350, and "e-mail address" extracted from it. Once the tag recognition unit 350 has extracted a tag, it passes the tag to the matching unit 360. The matching unit 360 searches in the database 390 for a similar tag (Light at col. 3, lines 5-65).

In addition, Light teaches **a form-processing software module within the center system and comprising computer-executable code for storing an association of the identifier with the instance of the requestor-specific form.** Specifically, Light discloses the auto-fill-in system includes a form recognition units item 320 embedded in computer system item 200 includes a main memory 203, a dynamic storage device for storing information and instructions to be executed. Main memory 203 also may be used for storing temporary variables or other intermediate information during execution of instructions (Light col. 2 lines 25-65, fig. 2-3). Also Light discloses at block 595, the new tag and new data associated with it are added to the database. For another embodiment, the tag and data are automatically added to the database see Light at col. 7, lines 10-20).

In addition, Light teaches **receiving the augmented instance of the requestor-specific form after handling by the originator and/or user, for comparing the requestor-specific identifier of the received requestor-specific form against the association.** For example, Light discloses a user's system, a client, item 110, and are coupled to a network item 120. Servers item 130 are coupled to the network 120. Also the server item 130 may be the same computer as the client 110; these servers provide Web pages to the user via the network 120. These Web pages may include forms; also (see Light at col. 2, line 50 through col. 3, line 20- also see Fig. 3) provides plurality of unit item such as, the auto-fill-in system 310 includes a fill-in subunit 315 and a learning subunit 370. The fill-in subunit 315 includes a form recognition unit 320. When a form is included in the web page the form recognition unit 320 notes that there is a form. Whereby the form includes a hypertext markup language (HTML) tag such as "form", or "input type," indicating that it is a form or that it requires user input. The auto-fill-in system 310 then



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inspects the source code for the page, and recognizes tags associated with blank spaces in the form (see Light at col. 2, lines 5-20).

Light does not explicitly teach, but Maxwell teaches **automatically routing an image of the received requester-specific form to a destination indicated in a corresponding entry in a configuration file**. Specifically, Maxwell discloses a method of form completion program executes the data population command when a graphical representation of a particular data set is placed over the form. Each data set is stored in an encrypted manner and is accessible to users who enter the appropriate information into an authentication mechanism. To populate a form with data the form completion program obtains an image of the form and then searches for a template file that resembles the form image to within a certain threshold. The template files are typically stored on the computer hosting the target application in a template directory that is arranged according to a predefined structure (Maxwell col. 8 lines 25-60).

The Examiner equates the claimed **automatically routing** as equivalent to Maxwell's form completion program capable of obtaining web pages that contain forms from the Internet wherein a form, can be embedded inside of a web page using the Hyper Text Markup Language (HTML).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Maxwell to Light (using Light's automatically filled into the form from a database (i.e. a form included in the web page is recognized and Data is automatically filled into the form from a database - see Light column 1 line 45), providing Light the benefit of decrypting and displaying the specific-form to user with a target application (i.e. web browser) – see Maxwell col. 8, lines 5-15).

Regarding independent claim 12, the rejection of claim 1 is fully incorporated. In addition, Light does not explicitly teach, but Maxwell teaches **automatically routing an image of the received requestor-specific form to a destination indicated by rules that trigger actions based on predefined request-specific**. Specifically, Maxwell discloses a method of form completion program executes the data population command when a graphical representation of a particular data set is placed over the form. Each data set is stored in an encrypted manner and is accessible to users who enter the appropriate information into an authentication mechanism. To populate a form with data the form completion program obtains an image of the form and then searches for a template file that resembles the form image to within a certain threshold. The template files are typically stored on the computer hosting the target application in a template directory that is arranged according to a predefined structure (Maxwell col. 8 lines 25-60). The Examiner equates the claimed **automatically routing** as equivalent to Maxwell's form completion program capable of obtaining web pages that contain forms from the Internet wherein a form, can be embedded inside of a web page using the Hyper Text Markup Language (HTML).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Maxwell to Light (using Light's automatically filled into the form from a database (i.e. a form included in the web page is recognized and Data is automatically filled into the form from a database - see Light column 1 line 45), providing Light the benefit of decrypting and displaying the specific-form to user with a target application (i.e. web browser) – see Maxwell col. 8, lines 5-15).

Regarding independent claim 18, the rejection of claim 1 is fully incorporated.

**Regarding claims 5-6, Light teaches a coordinating system connected by network to both the client system and the center system for transmitting information identifying the instance of the requestor-specific form to the center system from the client system, in which the coordinating system is a web service.** Specifically, Light discloses Light discloses a user's system, a client item 110 is coupled to a network item 120. Servers item 130 are coupled to the network 120 that provide Web pages to the user via the network 120. These Web pages may include forms- These Web pages may include forms (see Light at col. 2, lines 5-20).

**Regarding claim 9, Light teaches automatically extracting data from the received requestor-specific form.** Specifically, Light discloses the form auto-fill-in system (Light at col. 2, lines 5-20).

**Regarding claim 10, Light does not explicitly teach, but Maxwell teaches the form processing module includes a format conversion module comprising computer-executable code for automatically converting the extracted data into any of a plurality of predetermined formats for transmission of the extracted data to a recipient in the format that is associated with that recipient.** Specifically, Maxwell describes once a file is sent from web server to web client; it becomes ready for display. The web client's web browser is typically used to format and display files (i.e. web browsers include Netscape Navigator, Internet Explorer, and Opera. Some web browsers can display several different types of files. For example, files written using the Hyper Text Markup Language (HTML); the JavaScript programming language, the ActiveX programming language, or the Portable Document Format (PDF) may be displayed using a web browser. It is also possible to display various other types

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of files using language such as Standard Generalized Markup Language (SGML) or Extensible Markup Language (XML) (see Maxwell at col. 8, lines 25-60).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Maxwell to Light (using Light's automatically filled into the form from a database (i.e. a form included in the web page is recognized and Data (plurality of format) is automatically filled into the form from a database - see Light column 1 line 45), providing Light the benefit of decrypting and displaying the specific-form to user with a target application (i.e. web browser) – see Maxwell col. 8, lines 5-15).

**Regarding claim 11**, Light does not explicitly teach, but Maxwell teaches, **the center system is an intermediary system between multiple parties for transmission of data extracted from requestor- specific forms sent from different users to any of the multiple parties**. Specifically, Maxwell describes once a file is sent from web server to web client; it becomes ready for display. The web client's web browser is typically used to format and display files (i.e. web browsers include Netscape Navigator, Internet Explorer, and Opera. Some web browsers can display several different types of files. For example, files written using the Hyper Text Markup Language (HTML), the JavaScript programming language, the ActiveX programming language, or the Portable Document Format (PDF) may be displayed using a web browser. It is also possible to display various other types of files using language such as Standard Generalized Markup Language (SGML) or Extensible Markup Language (XML) (see Maxwell at col. 8, lines 25-60).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Maxwell to Light (using Light's automatically filled into the form from a database (i.e. a

form included in the web page is recognized and Data (plurality of format) is automatically filled into the form from a database - see Light column 1 line 45), providing Light the benefit of decrypting and displaying the specific-form to user with a target application (i.e. web browser) – see Maxwell col. 8, lines 5-15).

**Regarding claims 13-14**, the rejection of claims 4-5 are fully incorporated. In addition, Light does not teach, but Maxwell teaches **issuing a message to at least one recipient as part of the automatic routing**. Specifically, Maxwell discloses computer 800 can send messages and receive data, including program code, through the network(s), network link 841, and communication interface 840. In the Internet example, remote server computer 846 might transmit a requested code for an application program through Internet 845, ISP 844, local network 844 and communication interface 840 (see Maxwell at col. 20, lines 15-25 also see Fig. 8).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Maxwell to Light (using Light's automatically filled into the form from a database (i.e. a form included in the web page is recognized and Data (plurality of format) is automatically filled into the form from a database - see Light column 1 line 45), providing Light the benefit of decrypting and displaying the specific-form to user with a target application (i.e. web browser) – see Maxwell col. 8, lines 5-15).

**Regarding claim 15**, Light teaches **the conditions are also a function of at least one item of the extracted data**. For example, Light discloses Light discloses the form auto-fill-in system (Light at col. 2, lines 5-20).

**Regarding claim 16, Light teaches the conditions include pre- determined conditions.** For example, Light discloses a learning subunit 370. The fill-in subunit 315 includes a form recognition unit 320. When a form is included in the web page the form recognition unit 320 notes that there is a form. Whereby the form includes a hypertext markup language (HTML) tag such as "form", or "input type," indicating that it is a form or that it requires user input. The auto-fill-in system 310 then inspects the source code for the page, and recognizes tags associated with blank spaces in the form (Light at col. 2, line 50 through col. 3, line 20- also see Fig. 3).

**Regarding claim 17, Light teaches the pre-determined conditions are selected from a group consisting of form transmission errors, form reception errors, form completion errors and conditions associated with predetermined routing categories.** For example, Light provides plurality of unit item includes the auto-fill-in system 310, a fill-in subunit 315 and a learning subunit 370. The fill-in subunit 315 includes a form recognition unit 320. When a form is included in the web page the form recognition unit 320 notes that there is a form. Whereby the form includes a hypertext markup language (HTML) tag such as "form", or "input type," indicating that it is a form or that it requires user input. The auto-fill-in system 310 then inspects the source code for the page, and recognizes tags associated with blank spaces in the form (see Light at col. 2, line 50 through col. 3, line 20- also see Fig. 3).

**Claims 2-4** are rejected under 35 U.S.C. 103(a) as being unpatentable over are rejected under 35 U.S.C. 103(a) as being unpatentable over Light et al. US 20030033167A1- filed 03-31-1998 (hereinafter Light), in view of Maxwell et al. US US006589290B1- filed 10-29-1999

(hereinafter Maxwell), further in view of Bernklau-Halvor US 20030110413A1- filed 06/19/2001 (hereinafter Bernklau-Halvor).

**Regarding claim 2**, the rejection of claim 1 is fully incorporated. In addition Light and Maxwell do not teach, but Bernklau-Halvor teaches, **the intercepting software module is a driver installed in the client**. Specifically, Bernklau-Halvor discloses a printer diver within the user personal computer commanding by user that causes the user's web browser to display the form rendering from the web server (see Bernklau-Halvor page 3 paragraph [0029]).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Bernklau-Halvor to Light and Maxwell (using Maxwell's form completion program -see Maxwell at col. 8, lines 5-10 in combination with Light's automatically filled into the form from a database (i.e. a form included in the web page is recognized and Data is automatically filled into the form from a database - see Light column 1 line 45), providing a printer with printer diver within the user computer (i.e. client system) to produce Light and Maxwell specific-form download from web server via internet and user's web browser.

**Regarding claim 3**, the rejection of claim 1 is fully incorporated. In addition Light and Maxwell do not teach, but Bernklau-Halvor teaches, **a command a standard printer driver within the client system**. Specifically, Bernklau-Halvor discloses a printer diver within the user personal computer commanding by user that causes the user's web browser to display the form rendering from the web server (see Bernklau-Halvor page 3 paragraph [0029]).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Bernklau-Halvor to Light and Maxwell (using Maxwell's form completion program -see Maxwell at col. 8, lines 5-10 in combination with Light's automatically filled into

the form from a database (i.e. a form included in the web page is recognized and Data is automatically filled into the form from a database - see Light column 1 line 45), providing a printer with printer driver within the user computer (i.e. client system) to produce Light and Maxwell specific-form download from web server via internet and user's web browser.

**Regarding claim 4**, the rejection of claim 1 is fully incorporated. In addition, Light teaches **a command to download the form the originate system over a network**. Specifically, Light discloses a user's system, a client item 110 is coupled to a network item 120. Servers item 130 are coupled to the network 120 that provide Web pages to the user via the network 120. These Web pages may include forms- These Web pages may include forms (see Light at col. 2, lines 5-20).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Light to Bernklau-Halvor and Maxwell (using Maxwell's form completion program -see Maxwell at col. 8, lines 5-10 in combination with Light's automatically filled into the form from a database (i.e. a form included in the web page is recognized and Data is automatically filled into the form from a database - see Light column 1 line 45), providing a printer with printer driver within the user computer (i.e. client system) to produce Light and Maxwell specific-form download from web server via internet and user's web browser.

**Claims 7-8** are rejected under 35 U.S.C. 103(a) as being unpatentable over are rejected under 35 U.S.C. 103(a) as being unpatentable over Light et al. US 20030033167A1- filed 03-31-1998 (hereinafter Light), in view of Maxwell et al. US US006589290B1- filed 10-29-1999



(hereinafter Maxwell), further in view of Tsujit et al. US20010016856A1- filed 01-19-2001  
(hereinafter Tsujit).

**Regarding claim 7**, the rejection of claim 1 is fully incorporated. In addition, Light and Maxwell do not teach, but Tsujit teaches **associating the handwritten comment filed with a corresponding report item**. Specifically, Tsujit discloses a form with handwritten characters relates to the form (see Tsujit page 4 paragraph [0068] also see Fig. 6).

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Tsujit to Light and Maxwell (using Maxwell's form completion program -see Maxwell at col. 8, lines 5-10 in combination with Light's automatically filled into the form from a database (i.e. a form included in the web page is recognized and Data is automatically filled into the form from a database - see Light column 1 line 45), represents an electronic form reflecting the entries into the form and displayed on the display or print out by the printer of Light and Maxwell specific-form download from web server via internet and user's web browser.

**Regarding claim 8**, the rejection of claims 1 and 7 are fully incorporated. In addition, Light and Maxwell do not teach, but Tsujit teaches **automatically extracting the handwritten comment field as a sub-image and then converting the sub-image into a displayable format**. For example, Tsujit discloses a form with handwritten characters relates to the form using on-line-character-recognition basis, such as recognize the identifying letter, then detect the position of the form with respect to the main unit and then format data of the electronic form corresponding to the recognized letter is read from the form-format database to specify the format of the electronic form. Subsequently, the blank electronic form to be filled through the input pen is displayed on the display (see Tsujit page 5 paragraphs [0071]-[0074]) also see Fig.

6). The Examiner equates the claimed **automatically extracting the handwritten** as equivalent to Tsujit's on-line-character-recognition to convert hand written script into on-line-character without human intervention.

It would have been obvious to one of ordinary skill in the art at the time of the invention to apply Tsujit to Light and Maxwell (using Maxwell's form completion program -see Maxwell at col. 8, lines 5-10 in combination with Light's automatically filled into the form from a database (i.e. a form included in the web page is recognized and Data is automatically filled into the form from a database - see Light column 1 line 45), represents an electronic form reflecting the entries into the form and displayed on the display or print out by the printer of Light and Maxwell specific-form download from web-server via internet and user's web browser.

### *Conclusion*

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Anderson

US 20030033226A1

filed 08-13-2001

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is 571-272-8664. The examiner can normally be reached on 9AM - 5PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Herndon R. Heather can be reached on 571-272-4136. The fax phone number for the organization where this application or proceeding is assigned is (571)-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Patent Examiner*  
*Technology Center 2176*  
*01-05-2007*

  
Heather R. Herndon  
Supervisory Patent Examiner  
Technology Center 2176